



Name:

Pre Algebra Expressions

Use the known variable to evaluate each expression. Show your work (Basic with Brackets, Addition, Subtraction and Multiplication) NOTE: a dot means to multiply.

Evaluate each expression when $y = 12$.

1. $11 \cdot (8 + y) =$

2. $4 \cdot (9 + y) =$

3. $7 \cdot (7 + y) =$

4. $8 \cdot (10 + y) =$

5. $12 \cdot (9 - y) =$

6. $4 \cdot (4 + y) =$

7. $3 \cdot (8 + y) =$

8. $8 \cdot (2 - y) =$

9. $8 \cdot (3 - y) =$

10. $10 \cdot (6 + y) =$



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Use the known variable to evaluate each expression. Show your work (Basic with Brackets, Addition, Subtraction and Multiplication) NOTE: a dot means to multiply.

Evaluate each expression when $y = 12$.

1. $11 \cdot (8 + y) = 220$

2. $4 \cdot (9 + y) = 84$

3. $7 \cdot (7 + y) = 133$

4. $8 \cdot (10 + y) = 176$

5. $12 \cdot (9 - y) = -36$

6. $4 \cdot (4 + y) = 64$

7. $3 \cdot (8 + y) = 60$

8. $8 \cdot (2 - y) = -80$

9. $8 \cdot (3 - y) = -72$

10. $10 \cdot (6 + y) = 180$